

NOTICE OF PROPOSED ACTION

by the
State of Nevada
Division of Environmental Protection
Bureau of Air Pollution Control

PUBLIC NOTICE

Pursuant to Nevada Revised Statutes (NRS) Chapter 445B and the Nevada Administrative Code (NAC) Chapter 445B, the Division of Environmental Protection is issuing the following notice.

The Administrator has received an application for a Phase-2 Nevada Mercury Operating Permit to Construct from the following applicant:

Hycroft Resources & Development, Inc.
P.O. Box 3030
Winnemucca, NV 89446

The Administrator has prepared tentative determinations regarding the Mercury Operating Permit to Construct (MOPTC) AP1041-2255 that, in brief, affect the following source: three (3) Mercury Retorts as the following systems System 4 – Mercury Retort #3, System 5 – Mercury Retort #4, System 6 – Mercury Retort #5 and two (2) Smelting Furnaces as the following systems System 7 – Smelting Furnace #2, and System 8 – Smelting Furnace #3.

The draft MOPTC proposes mercury emissions performance standards and mercury emissions control technologies determined to be NvMACT pursuant to NAC 445B.3683.2(b). Initial determination of proposed NvMACT mercury emissions performance for each Mercury Retort (#3 through #5) is 1×10^{-4} gr/dscf of mercury. Determination of proposed NvMACT mercury emissions control technology for each Mercury Retort is two (2) mercury condensers in series, one mercury retort collector, one mercury retort aftercooler with mist eliminator, a chiller, and two (2) carbon filter columns with sulfur-impregnated carbon in parallel with each column containing no less than 100 pounds of sulfur-impregnated carbon.

Initial determination of proposed NvMACT mercury emissions performance for each Smelting Furnace (#2 and #3) is 1.0×10^{-5} gr/dscf of mercury. Determination of proposed NvMACT mercury emissions control technology for each Smelting Furnace is a baghouse and a sulfur-impregnated carbon bed containing two trains of carbon beds with each train consisting of a primary and secondary bed. Each primary and secondary beds shall contain no less than 7,200 pounds of sulfur-impregnated carbon.

The proposed MOPTC activities include monitoring, recordkeeping, annual stack testing for mercury emissions, annual emissions reporting, annual mercury co-product reporting, limits of operation, and work practice standards which minimize emissions of mercury to the atmosphere. Other permit contents include a mercury emission limit for each system.

On the basis of the preliminary review and the requirements of the NRS and the NAC, the Administrator is hereby announcing her intent to issue the Mercury Operating Permit to Construct based on review of the information, as proposed. A copy of the draft operating permit is available for public inspection at:

HUMBOLDT COUNTY LIBRARY
85 EAST 5TH STREET
WINNEMUCCA, NV 89445

Persons wishing to comment upon the proposed determinations by the Administrator regarding this proposed action or to request a hearing pursuant to NRS 445B Air Pollution and NAC 445B Air Controls should submit their comments or request in writing either in person or by mail or fax within thirty **(30)** days to:

Alyssa Ketchum
Nevada Division of Environmental Protection – Bureau of Air Pollution Control
901 S. Stewart St., Suite 4001
Carson City, Nevada 89701-5249
(775) 687-9388
(775) 687-6396 FAX

The application, draft permit, any comments received, and other relevant information may be copied at the above address or copies may be obtained by requesting in writing at the above address. Copies of the Director's Review and the draft Mercury Operating Permit to Construct are available for review on the Nevada Division of Environmental Protection-Bureau of Air Pollution Control website at: <http://ndep.nv.gov/bapc/hg/pub.html>. Written comments or objections, will be received at the Division of Environmental Protection, above address, until **September 23, 2013** and will be retained and considered prior to final action on the Mercury Operating Permit to Construct. Please bring the foregoing notice to the attention of all persons whom you know may be interested in this matter.